

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 01087041
PUBLICATION DATE : 31-03-89

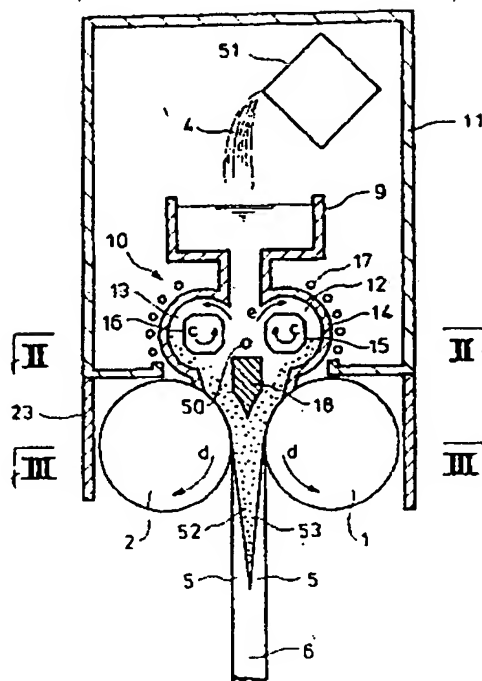
APPLICATION DATE : 29-09-87
APPLICATION NUMBER : 62244769

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INT.CL. : B22D 11/06

TITLE : APPARATUS FOR PRODUCING STRIP



ABSTRACT : PURPOSE: To produce a strip having good shape by rolling, by finding solid phase ratio of semi-solidified slurry from rolling load and molten metal temp. cooled to solid-liquid coexistent temp., finding number of revolution for rolling roll from the solid phase ratio and molten metal temp. and drawing the semi- solidified slurry from the rolling roll.

CONSTITUTION: A tundish 9 and a stirring device 10 are contained in a vacuum chamber 11, and one pair of rolls 1, 2 are arranged at downstream side of the stirring device 10. The stirring device 10 arranges stirring rods 15, 16 and a temp. detector 50 in a casing 14 and cooling device 17 at out side of the casing 14. Next, a loading meter detecting rolling load is arranged to the roll 2. Then, the solid phase ratio of the semi-solidified slurry is found from the rolling load and detecting temp. of the molten metal cooled to the solid-liquid coexistent temp. in the inner part of the stirring device 10. Next, the number of revolution of the rolls 1, 2 is found from the solid phase ratio and the detected temp., and by rotating the rolls 1, 2, the semi-solidified slurry is stably drawn and rolled.

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